

Title (en)

PROCESS FOR MAKING A PORTABLE BEVERAGE PRODUCT AND A FILLING LINE THEREFORE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES TRAGBAREN GETRÄNKEPRODUKTS UND ABFÜLLANLAGE DAFÜR

Title (fr)

PROCÉDÉ DE FABRICATION D'UN PRODUIT DE BOISSON PORTABLE ET LIGNE DE REMPLISSAGE ASSOCIÉE

Publication

**EP 3802333 A1 20210414 (EN)**

Application

**EP 18729608 A 20180525**

Priority

EP 2018063839 W 20180525

Abstract (en)

[origin: WO2019223884A1] A process for making a portable beverage product including the steps of: providing a portable container (1) with an aperture; providing a separation device (111) previously equipped with sealing means comprising at least one removable barrier (114); inserting an amount of a drinkable liquid into said container; inserting said separation device into the container (1) to form a first chamber (12) containing said liquid, a second chamber (13), and a connecting path from the first chamber into the second chamber, said connecting path being closed by the removable barrier (114); inserting at least one second ingredient into said second chamber; closing the aperture of the container with a cover; wherein the separation device is also positioned in such a way that the removable barrier can be removed in response to a user action on the portable beverage product, thus opening the above mentioned connecting path.

IPC 8 full level

**B65B 29/02** (2006.01); **A47J 31/00** (2006.01); **A47J 31/30** (2006.01); **A47J 36/02** (2006.01)

CPC (source: EP IL KR RU US)

**A47J 31/002** (2013.01 - EP IL KR US); **A47J 31/005** (2013.01 - EP IL KR US); **B65B 29/02** (2013.01 - EP IL KR US); **B65B 29/10** (2013.01 - RU); **B65D 81/32** (2013.01 - RU); **B65D 81/3211** (2013.01 - RU)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2019223884 A1 20191128**; AU 2018424303 A1 20201126; AU 2018424303 B2 20240516; BR 112020023796 A2 20210223; BR 112020023796 B1 20231212; CA 3099458 A1 20191128; CN 112292329 A 20210129; CN 112292329 B 20230512; EP 3802333 A1 20210414; IL 278883 A 20210131; JP 2021525088 A 20210924; JP 7175033 B2 20221118; KR 102565507 B1 20230810; KR 20210014138 A 20210208; MX 2020012665 A 20210215; RU 2765024 C1 20220124; SG 11202011009Q A 20201230; UA 127591 C2 20231025; US 11986120 B2 20240521; US 2021137301 A1 20210513

DOCDB simple family (application)

**EP 2018063839 W 20180525**; AU 2018424303 A 20180525; BR 112020023796 A 20180525; CA 3099458 A 20180525; CN 201880093793 A 20180525; EP 18729608 A 20180525; IL 27888320 A 20201122; JP 2020565854 A 20180525; KR 20207037129 A 20180525; MX 2020012665 A 20180525; RU 2020141626 A 20180525; SG 11202011009Q A 20180525; UA A202007967 A 20180525; US 201817058164 A 20180525